

**Trine University**

Listed below are the equivalent required courses from the institution listed above needed to satisfy prerequisite requirements for admission to the Manchester University College of Pharmacy.

Area of study	Equivalent Required Course	Semester Hours
Biology*	BIO 384 Human Anatomy & Physiology I/Lab -or- BIO 154 Human Anatomy and Lab	4
	<i>various</i>	3-4
Microbiology	BIOL 324/324L Microbiology & Lab	4
General Chemistry	CH 104 General Chemistry I	4
General Chemistry	CH 114 General Chemistry II	4
Organic Chemistry	CH 204/204L Organic Chemistry I & Lab	4
Organic Chemistry	CH 214/214L Organic Chemistry II & Lab	4
Communications	COM 163 Interpersonal Communication	3
English	ENG 103 English Composition	3
Calculus	MA 134 Calculus I	4
Statistics	MA 253 Statistics	3
Physics	PH 154/154L College Physics I & Lab	3
Economics	ECO 213 Microeconomics -or- ECO 223 Macroeconomics	3
Humanities electives (2)	<i>Various options</i>	6-8
Social Science elective	<i>Various options</i>	3-4
Other elective courses	<i>Various options</i>	As needed to total at least 60 semester credit hours
<b>TOTAL SEMESTER HOURS</b>		<b>60</b>

**Notes:**

- Course listings are based on the 2019-2020 undergraduate course catalog
- If semester hours differ at your institution, you must make up the remaining semester hours via elective coursework.
- Manchester University suggests that at least one of the humanities/social science electives deals primarily with an international culture.

\* One of the two semesters of the full-year biology requirement, must be anatomy, physiology, or a combination of both (i.e. Human Anatomy & Physiology I). The other semester can be any biology course of your choosing.